

**STATEMENT OF WORK
FOR
FAA Logistics Center
NAS Asset Identification Equipment & Services (2D barcoding)**

1.0 BACKGROUND

The FAA Logistics Center mission is to provide rapid distribution and supply chain management, maintenance, repair, and other industrial business services, for the nation's aviation and airspace systems, and to world-wide aviation related customers by offering innovative solutions, consulting experience, and project management services.

On July 2, 2003, the DoD issued an official policy to its 43,000 suppliers mandating the use of Unique Identification (UID) for all applicable solicitations after January 1, 2004. The Federal Aviation Administration does not currently fall under the requirements outlined in the DoD policies; however, the FAA Logistics Center conducts business with the DoD that may lead to partial policy compliance. Implementing unique identification (UID) is essential to remain competitive with industry and other government agencies in the evolving logistics environment. The use of Automatic Identification Technology (AIT) enhances a supply chain by providing accurate and timely asset visibility automatically. AIT eliminates the human interference of capturing data, which can lead to an excess amount of errors. Many retail companies and government agencies such as Wal-Mart and the Department of Defense (DoD) are beginning to reap the benefits of the most recent advances in AIT.

Through the implementation of 2D barcoding NAS assets, it is expected that the Logistics Center will realize a positive business impact in the following areas: tracking and traceability throughout the supply chain, configuration management, warranty control, reliability and maintainability data, inventory accountability, data quality, acquisition management, and vendor accountability.

This Statement of Work describes the equipment and services necessary to setup the initial phase of the project, which entails small scale marking of items.

2.0 SCOPE OF WORK

The scope of this contract is to purchase equipment, training, and maintenance necessary for the initial implementation of UID. The contractor shall provide the equipment listed as per specification, install the equipment, train employees on-site on how to use the equipment and software, and be on call for any issues. The contractor shall provide the appropriate personnel to perform the following major services: delivery and installation of equipment.

3.0 **REQUIREMENTS**

The following equipment and software shall be furnished and installed. Overall requirements are as follows and are in detail in each section:

USB communication for expedited label production; Portable (weighs 50 pounds or less including the power supply) as the markers will be taken to specified field location by a traveling team; software with open source code, as the development of Logistics Center Support System (LCSS) is still underway, and changes may need to occur for certain data fields; overall dimensions no more than 11"D X 25" H X 32"W, as they will be transported, and must fit on the technician workspace currently available.

3.1 **Equipment**

1. **2D Printer (QTY: 2):**

- Laser crystal material: Nd:YAG
- Wave length: 1064 nm
- Mode of operation: quality-switched, 500 Hz - 65 kHz
- Power cw: 8 W, 12 W, TEM00 (DPL*Genesis* Marker, DPL*Nexus* Marker)
- Operating conditions: 59 degrees F - 95 degrees F
- Laser (**12 watt**) with tape feed system.
- Be able to write to Tesa Tape: 6973 PV6 Black Matte; Black with White Characters

Included

- Label Creation Software
- Fume Extractor
- Touchscreen
- Laptop Computer
- Industrial Cabbage Cases

2. **Verifier (QTY: 2)**

- Fully Enclosed, Integrated Verifier
 - Built-in Light Source with Fixed Angle
 - ISO-15415 and SAE-AS9132 Grading Capability
 - Required Cables
 - ESP Software Utility for Verifier Configuration and Grading
 - 90 Degree Diffuse Filter
 - Special LEDs
 - AIM DPM grading software
 - Mounting stand, carrying case and base plates
 - 45 degree field and 90 degree software switchable
 - Available in a variety of lens sizes with the following field of views:
- Hard carrying case
- **Field of View (inches)** **Minimum Element Size (inches)**
- .49 x .37 .0075

NAS Asset Identification Equipment & Services (2D barcoding)

FAA Logistics Center Quality Systems Group, AML-30

- | | |
|--------------|-------|
| • .66 x .5 | .010 |
| • .82 x .62 | .0125 |
| • .98 x .74 | .015 |
| • 1.31 x .99 | .020 |

Included:

- LCD Video Monitor – 7”
- Includes Video I/O Cable - 10’

3.2 Vendor Specifications:

The contractor shall be within 175 miles of FAA Logistics Center to provide hands-on support in a timely manner. The contractor shall include training and installation costs for software and equipment. Training shall be completed within 14 calendar days of equipment installation.

The contractor shall provide training for increments of 5 Logistics Center employees; the contractor shall provide the cost increase for training:

0-5 employees

6-10 employees

11-15 employees

15-20 employees

3.3 Documentation: The contractor shall update and maintain all pertinent Government documentation for the software and equipment. The contractor shall provide all instructions for the operation of the equipment and software.

4.0 DELIVERABLES

TASK	DESCRIPTION	DUE DATE
4.1	Provide equipment	NLT [March 20, 2009]
4.2	Install equipment	NLT [March 27, 2009]
4.3	Provide training for equipment and software	NLT [March 27, 2009]

5.0 PERIOD OF PERFORMANCE

This effort will provide for a period of 12 months. Period of Performance is effective the date of this award and continues for 12 months.

6.0 HOURS OF PERFORMANCE

On-call and Extended Work Week Support: Extended level of support and/or on-call support may also be required from selected contractor personnel during events deemed a “crisis” situation by the COTR and directed by the CO to complete special projects, to perform schedule off-peak hours critical system maintenance, and/or any other situation where additional support is deemed necessary by the CO.

7.0 PLACE OF PERFORMANCE

On-site Location

Federal Aviation Administration
Logistics Support Facility
6500 South MacArthur Blvd.
Oklahoma City, OK 73169